



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

L Soc 4681.54 (1874)

CHECK LIST OF PUBLICATIONS OF
THE SMITHSONIAN INSTITUTION
JULY, 1874

L Soc 4681.54 (1874)

**Harvard College
Library**



Gratis

LSoc 4681.54 (1874)

SMITHSONIAN MISCELLANEOUS COLLECTIONS.

278

CHECK LIST

OF

PUBLICATIONS

OF THE

SMITHSONIAN INSTITUTION,

JULY, 1874.

SENT FREE BY MAIL ON RECEIPT OF THE PRICES AFFIXED.



WASHINGTON, D.C.
1874.

2
221.54 (774)



Gratis

COLLINS, PRINTER,
705 JAYNE ST.

CHECK LIST

OF

PUBLICATIONS OF THE SMITHSONIAN INSTITUTION,

To July, 1874.

Where no price is affixed the work cannot be furnished, it being out of print or not yet published.

Publications marked * do not appear in the Contributions, Collections, or Reports.

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
A	.....	Journal of Regents,	8vo.*	32	1846	
B	.....	Report of Organization Committee	8vo.*	32	1847	
C	.....	Digest of Act of Congress,	8vo.*	8	1847	
D	Dallas, G. M.	Address at Laying Corner Stone,	8vo.*	8	1847	
E	Henry, Jos.	Exposition of Bequest,	8vo.*	8	1847	
F	.....	First Report of Secretary,	8vo.*	48	1848	
G	.....	Report of the Institution,	8vo.*	38	1847	
H	.....	Second Report of Institution,	8vo.*	208	1848	
I	.....	Third Report of Institution,	8vo.*	64	1849	
J	.....	Programme of Organization,	4to.*	4	1847	
K	.....	Correspondence, Squier & Davis,	8vo.*	8	1848	
L	.....	First Report of Organization Committee,	8vo.*	8	1846	
M	.....	Reports of Institution up to Jan. 1849,	8vo.*	72	1849	
N	.....	Officers, Regents, Act, &c.,	8vo.*	14	1846	
O	.....	Act to establish Smithsonian Institution,	8vo.*	8	1846	
P	Owen, R. D.	Hints on Public Architecture,	4to.*	140	1849	5.00
Q	.....	Check List of Periodicals,	4to.*	28	1853	
1	Squier & Davis,	Ancient Monuments of Mississippi Valley,	S. C. I.,	346	1847	
2	.....	Smithsonian Contributions to Knowledge	S. C. I.,	346	1848	

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
3	Walker, S. C.	Researches, Planet Neptune	S. C. II,	60	1850	
4	Walker, S. C.	Ephemeris of Neptune for 1848,	S. C. II,	8	1849	
5	Walker, S. C.	Ephemeris of Neptune for 1849,	S. C. II,	32	1849	
6	Walker, S. C.	Ephemeris of Neptune for 1850,	S. C. II,	10	1850	
7	Walker, S. C.	Ephemeris of Neptune for 1851,	S. C. II,	10	1850	
8	Downes, John	Occultations in 1848,	4to.*	12	1848	
9	Downes, John	Occultations in 1849,	4to.*	24	1848	
10	Downes, John	Occultations in 1850,	4to.*	26	1849	
11	Downes, John	Occultations in 1851,	S. C. II,	26	1850	
12	Lieber, Francis	Vocal Sounds of L. Bridgeman,	S. C. II,	32	1850	1.00
13	Ellet, Charles	Physical Geography of U. S.	S. C. II,	64	1850	2.00
14	Gibbes, E. W.	Memoir on Mosasaurus,	S. C. II,	14	1850	
15	Squier, E. G.	Aboriginal Monuments of N. Y.	S. C. II,	188	1850	4.00
16	Agassiz, Louis	Classification of Insects,	S. C. II,	28	1850	
17	Hare, Robert	Explosiveness of Nitre,	S. C. II,	20	1850	.50
18	Gould, Jr., B. A.	Discovery of Neptune,	8vo.*	56	1850	
19	Guyot, A.	Directions for Meteorological Observations,	8vo.*	40	1850	
20	Bailey, J. W.	Microscopic Examination of Soundings,	S. C. II,	16	1851	2.00
21	.....	Annual Report of Smithsonian Institution for 1849	8vo.	272	1850	
22	Gray, Asa	Plantæ Wrightianæ,	S. C. III,	146	1852	
23	Bailey, J. W.	Microscopic Observations in S. Carolina, Georgia, and Florida,	S. C. II,	48	1851	1.00
24	Walker, S. C.	Ephemeris of Neptune, 1852. Appendix I,	S. C. III,	10	1853	
25	Jewett, Chas. C.	Public Libraries of United States,	8vo.*	210	1851	.50
26	.....	Smithsonian Contributions to Knowledge,	S. C. II,	464	1851	12.00
27	Booth, J. C. and Morfit, C.	Improvements in Chemical Arts,	M. C. II,	216	1852	.50
28	.....	Annual Report of Smithsonian Institution for 1850,	8vo.	326	1851	
29	Downes, John	Occultations in 1852,	S. C. III,	34	1851	

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
30	Girard, Charles	Fresh-Water Fishes of N. America	S. C. III,	80	1851	1.50
31	Guyot, A.	Meteorological Tables,	M. C. I,	212	1852	
32	Harvey, Wm. H.	Marine Algae of North America. Part I,	S. C. III,	152	1852	6.00
33	Davis, Chas. H.	Law of Deposit of Flood Tide,	S. C. III,	14	1852	.75
34	.....	Directions for Collecting Specimens,	M. C. II,	40	1859	free
35	Locke, John	Observations on Terrestrial Magnetism,	S. C. III,	30	1852	
36	Secchi, A.	Researches on Electrical Rheometry,	S. C. III,	60	1852	
37	Whittlesey, Ch.	Ancient Works in Ohio,	S. C. III,	20	1851	
38	.....	Smithsonian Contributions to Knowledge,	S. C. III,	564	1852	12.00
39	.....	Smithsonian Contributions to Knowledge,	S. C. IV,	426	1852	12.00
40	Riggs, S. B.	Dakota Grammar and Dictionary,	S. C. IV,	414	1852	
41	Leidy, Joseph	Extinct American Ox,	S. C. v,	20	1852	1.00
42	Gray, Asa	Plantæ Wrightianæ. Part II,	S. C. v,	120	1853	
43	Harvey, Wm. H.	Marine Algae of North America. Part II,	S. C. v,	262	1853	10.00
44	Leidy, Joseph	Flora and Fauna within Living Animals,	S. C. v,	68	1853	
45	Wyman, Jeffries	Anatomy of Rana Pipiens,	S. C. v,	52	1853	
46	Torrey, John	Plantæ Fremontianæ,	S. C. VI,	24	1853	1.50
47	Jewett, Chas. C.	Construction of Catalogues of Libraries,	8vo.*	108	1853	.50
48	Girard, Charles	Bibliotheca Americana Historico Naturalis,	8vo.*	68	1852	
49	Baird, S. F. and Girard C.	Catalogue of Serpents,	M. C. II,	188	1853	1.00
50	Stimpson, Wm.	Marine Invertebrata of Gr. Manan	S. C. VI,	68	1853	1.50
51	.....	Annual Report of Smithsonian Institution for 1851,	8vo.	104	1852	
52	Coffin, Jas. H.	Winds of the Northern Hemisphere,	S. C. VI,	200	1853	3.00
53	Stanley, J. M.	Portraits of N. American Indians,	M. C. II,	76	1852	.50
54	Downes, John	Occultations in 1853,	S. C. VI,	36	1853	.30

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
55	.....	Smithsonian Contributions to Knowledge,	S. C. v,	538	1853	12.00
56	.....	Smithsonian Contributions to Knowledge,	S. C. vi,	476	1854	12.00
57	.....	Annual Report of Smithsonian Institution for 1852,	8vo.	96	1853	
58	Leidy, Joseph	Ancient Fauna of Nebraska,	S. C. vi,	126	1853	5.00
59	Chappelsmith, J.	Tornado in Indiana,	S. C. vii,	12	1855	.25
60	Torrey, John	Batis Maritima,	S. C. vi,	8	1853	1.00
61	Torrey, John	Darlingtonia Californica,	S. C. vi,	8	1853	1.00
62	Melsheimer, F.E.	Catalogue of Coleoptera,	8vo.*	190	1853	2.00
63	Bailey, J. W.	New Species of Microscopic Organisms,	S. C. vii,	16	1854	.50
64	.....	List of Foreign Correspondents of Smithsonian Institution,	M. C.	16	1856	
65	.....	Registry of Period. Phenomena,	folio,*	4	1854	
66	.....	Annular Eclipse, May 26, 1854	M. C.	14	1854	
67	.....	Annual Report of Smithsonian Institution for 1853,	8vo.	310	1854	
68	Mitchell, B. B. & Turner, W. W.	Vocabulary of Jargon of Oregon,	8vo.*	22	1853	
69	.....	List of American Correspondents of Smithsonian Institution,	8vo.*	16	1853	
70	Lapham, I. A.	Antiquities of Wisconsin,	S. C. vii,	108	1855	6.00
71	Haven, S. F.	Archæology of the United States,	S. C. viii,	172	1856	
72	Leidy, Joseph	Extinct Sloth Tribe of N. America,	S. C. vii,	70	1855	3.00
73	.....	Publications of Societies in Smithsonian Library,	S. C. vii,	40	1855	.25
74	.....	Catalogue of Smithsonian Publications,	M. C. v,	52	1862	
75	.....	Annual Report of Smithsonian Institution for 1854,	8vo.	464	1855	2.00
76	.....	Smithsonian Contributions to Knowledge,	S. C. vii,	252	1855	12.00
77	.....	Annual Report of Smithsonian Institution for 1855,	8vo.	440	1856	2.00
78	.....	Smithsonian Contributions to Knowledge,	S. C. viii,	556	1856	12.00

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
79	Runkle, John D.	Tables for Planetary Motion,	S. C. IX,	64	1856	1.00
80	Alvord, Benj.	Tangencies of Circles and Spheres,	S. C. VIII,	16	1856	1.00
81	Olmsted, D.	Secular Period of Aurora Borealis	S. C. VIII,	52	1856	1.00
82	Jones, Joseph	Investigation on A. Vertebrata,	S. C. VIII,	150	1856	1.50
83	Meech, L. W.	Relative Intensity of Heat and Light of the Sun,	S. C. IX,	58	1856	1.25
84	Force, Peter	Auroral Phenomena in North Latitudes,	S. C. VIII,	122	1856	1.25
85	.....	Publications of Societies in Smithsonian Library. Part II,	S. C. VIII,	38	1856	.25
86	Mayer, Brantz	Mexican History and Archæology	S. C. IX,	36	1856	1.00
87	Coffin, Jas. H.	Psychrometrical Tables,	M. C. I,	20	1856	.25
88	Gibbs, W. and Genth, F. A.	Ammonia Cobalt Bases,	S. C. IX,	72	1856	1.00
89	Brewer, Th. M.	North American Oology. Part I,	S. C. XI,	140	1857	5.00
90	Hitchcock, E.	Illustrations of Surface Geology,	S. C. IX,	164	1857	4.00
91	.....	Annual Report of Smithsonian Institution for 1856,	8vo.	468	1857	
92	.....	Smithsonian Contributions to Knowledge,	S. C. IX,	482	1857	12.00
93	.....	Meteorological Observations for 1855,	8vo.*	118	1857	
94	Runkle, John D.	Asteroid Supplement to New Tables for $\delta \frac{(i)}{s}$,	S. C. IX,	72	1857	1.00
95	Harvey, Wm. H.	Marine Algæ of North America. Part III,	S. C. x,	142	1858	6.00
96	Harvey, Wm. H.	Marine Algæ of North America. 3 parts complete,	4to.	568	1858	20.00
97	Kane, E. K.	Magnetic Observations in the Arctic Seas,	S. C. x,	72	1859	1.00
98	Bowen, T. J.	Yoruba Grammar and Dictionary,	S. C. x,	232	1858	4.00
99	.....	Smithsonian Contributions to Knowledge,	S. C. x,	462	1858	12.00
100	Gillis, J. M.	Eclipse of the Sun, Sept. 7, 1858,	S. C. XI,	22	1859	.50
101	Hill Thos.	Map of Solar Eclipse, Mar. 15, '58,	8vo.*	8	1858	.15
102	Osten Sacken, E.	Catalogue of Diptera of North America,	M. C. III,	112	1858	.75

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
103	Caswell, A.	Meteorological Observations, Providence, R. I.,	S. C. XII,	188	1860	2.00
104	Kane, E. K.	Meteorological Observations in Arctic Seas,	S. C. XI,	120	1859	1.25
105	Baird, S. F.	Catalogue of North American Mammals,	4to.*	22	1857	.50
106	Baird, S. F.	Catalogue of North American Birds,	4to.*	42	1858	.50
107	.....	Annual Report of Smithsonian Institution for 1857,	8vo.	438	1858	2.00
108	Baird, S. F.	Catalogue of N. American Birds,	M. C. II,	24	1859	.25
109	.....	Annual Report of Smithsonian Institution for 1858,	8vo.	448	1859	2.00
110	.....	Annual Report of Smithsonian Institution for 1859,	8vo.	450	1860	2.00
111	.....	Smithsonian Contributions to Knowledge,	S. C. XI,	506	1859	12.00
112	.....	Smithsonian Contributions to Knowledge,	S. C. XII,	540	1860	12.00
113	Bache, A. D.	Magnetic and Meteorological Observations at Girard Coll. Pt. I,	S. C. XII,	22	1859	.25
114	Sonntag, A.	Terrestrial Magnetism in Mexico,	S. C. XI,	92	1859	1.25
115	.....	Report on Invention of Electro-Magnetic Telegraph,	M. C. II,	40	1861	free
116	Rhees, Wm. J.	List of Public Libraries, &c.	8vo.*	84	1859	
117	.....	Catalogue of Publications, &c., in Smithsonian Library,	M. C. III,	264	1859	2.00
118	Morris, John G.	Catalogue of Lepidoptera of North America,	M. C. III,	76	1860	1.00
119	Whittlesey, Ch.	Fluctuations of Level in N. A. Lakes,	S. C. XII,	28	1860	1.00
120	Hildreth, S. F. and Wood, J.	Meteorological Observations at Marietta, O.,	S. C. XVI,	52	1867	1.00
121	Bache, A. D.	Magnetic and Meteorological Observations at Girard Coll. Pt. II,	S. C. XIII,	28	1862	.25
122	.....	Smithsonian Miscellaneous Collections,	M. C. I,	738	1862	5.00
123	.....	Smithsonian Miscellaneous Collections,	M. C. II,	715	1862	5.00
124	.....	Smithsonian Miscellaneous Collections,	M. C. III,	772	1862	5.00

LIST OF SMITHSONIAN PUBLICATIONS.

7

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
125	.....	Smithsonian Miscellaneous Collections,	M. C. IV,	760	1862	5.00
126	Le Conte, John L.	Coleoptera of Kansas and New Mexico,	S. C. XI,	64	1859	1.25
127	Loomis, E.	Storms in Europe and America, Dec. 1836,	S. C. XI,	28	1860	1.25
128	Lea, Carpenter, &c.	Check List of Shells in N. America	M. C. II,	52	1860	.25
129	Kane, E. K.	Astronomical Observations in the Arctic Seas,	S. C. XII,	56	1860	1.00
130	Kane, E. K.	Tidal Observations in the Arctic Seas,	S. C. XIII,	90	1860	1.50
131	Smith, N. D.	Meteorological Observations in Arkansas from 1840 to 1859,	S. C. XII,	96	1860	1.25
132	Bache, A. D.	Magnetic and Meteorological Observations at Girard Coll. Pt. III	S. C. XIII,	16	1862	.25
133	Morris, John G.	Synopsis of Lepidoptera of North America. Part I,	M. C. IV,	386	1862	2.00
134	Hagen, H.	Synopsis of Neuroptera of North America,	M. C. IV,	368	1861	
135	Mitchell, S. W.	Venom of the Rattlesnake,	S. C. XII,	156	1860	1.75
136	Le Conte, John L.	Classification of Coleoptera of North America,	M. C. III,	312	1862	1.50
137	.....	Circular to Officers of Hudson's Bay Co.,	M. C. VIII,	6	1860	free
138	Morgan, L. H.	Circular as to Degrees of Relationship,	M. C. II,	34	1860	free
139	.....	Collecting Nests and Eggs of North American Birds,	M. C. II,	34	1861	free
140	Le Conte, John L.	List of Coleoptera of North America. Part I,	M. C. VI,	82	1866	.75
141	Loew, H. and Osten Sacken	Monographs of Diptera. Part I,	M. C. VI,	246	1862	1.50
142	Binney, W. G.	Bibliography of North American Conchology. Part I,	M. C. V,	658	1863	3.00
143	Binney, W. G.	Land and Fresh-Water Shells of North America. Part II,	M. C. VII,	172	1865	1.25
144	Binney, W. G.	Land and Fresh-Water Shells of North America. Part III,	M. C. VII,	128	1865	1.00
145	Prime, Temple	Monograph of American Corbiculadæ,	M. C. VII,	92	1865	.75

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
146	M'Clintock, Sir F. L.	Meteorological Observations in the Arctic Seas,	S. C. XIII,	164	1862	1.50
147	.....	Annual Report of Smithsonian Institution for 1860,	8vo.	448	1861	2.00
148	.....	Directions for Meteorological Observations,	M. C. I,	72	1860	free
149	.....	Annual Report of Smithsonian Institution for 1861,	8vo.	464	1862	
150	.....	Annual Report of Smithsonian Institution for 1862,	8vo.	446	1863	2.00
151	.....	Smithsonian Contributions to Knowledge,	S. C. XIII,	558	1863	12.00
152	Carpenter, P. P.	Lectures on Mollusca,	8vo.*	140	1861	
153	Guyot, A.	Tables, Meteorological and Physical,	M. C. I,	638	1859	3.00
154	.....	List of Foreign Correspondents of Smithsonian Institution,	M. C. v,	56	1862	
155	Whittlesey, Ch.	Ancient Mining on Lake Superior	S. C. XIII,	34	1863	.50
156	Eglesten, T.	Catalogue of Minerals,	M. C. VII,	56	1863	.50
157	.....	Results of Meteorological Observations from 1854 to 1859,	4to.*	1270	1861	2.50
158	.....	Smithsonian Miscellaneous Collections,	M. C. v,	774	1864	5.00
159	Mitchell, S. W. & Morehouse, G. R.	Anatomy and Physiology of Respiration in Chelonia,	S. C. XIII,	50	1863	1.00
160	Gibbs, G.	Instructions for Ethnology and Philology,	M. C. VII,	56	1863	.25
161	Gibbs, G.	Dictionary of the Chinook Jargon	M. C. VII,	60	1863	.50
162	Bache, A. D.	Magnetic and Meteorological Obs. at Girard Coll. Pt. IV, V, & VI,	S. C. XIII,	78	1862	1.00
163	.....	Circular on History of Grasshoppers,	M. C. II,	4	1860	
164	.....	Smithsonian Museum Miscellanea	M. C. VIII,	88	1862	.50
165	Allen, H.	Monograph of the Bats of North America,	M. C. VII,	110	1864	.50
166	Bache, A. D.	Magnetic Survey of Pennsylvania	S. C. XIII,	88	1863	1.00
167	Le Conte, Jno. L.	New Species of North American Coleoptera,	M. C. VI,	180	1866	1.00
168	.....	Circular Relative to Birds from Middle and South America,	M. C. VIII,	2	1863	free

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
169	.....	Smithsonian Miscellaneous Collections,	M. C. VI,	888	1864	5.00
170	.....	Comparative Vocabulary,	4to.*	20	1863	free
171	Loew, H.	Monograph of the Diptera of North America. Part II,	M. C. VI,	372	1864	2 50
172	Meek, F. B. and Hayden, F. V.	Paleontology of the Upper Missouri. Part I,	S. C. XIV,	158	1865	2.50
173	Dean, John	Gray Substance of the Medulla Oblongata,	S. C. XVI,	80	1864	2.50
174	Binney, W. G.	Bibliography of North American Conchology. Part II,	M. C. IX,	302	1864	2.00
175	Bache, A. D.	Mag. and Met. Observ. at Girard Coll. Parts VII, VIII, & IX,	S. C. XIV,	72	1864	1.00
176	.....	Circular, Collecting North American Shells,	M. C. II,	4	1860	free
177	.....	Check List of Invertebrate Fossils of North America,	M. C. VII,	42	1864	.25
178	.....	Circular to Entomologists,	M. C. VIII,	2	1860	
179	.....	Catalogue of Publications of Societies,	M. C. IX,	596	1866	3.00
180	Draper, H.	Construction of a Silvered Glass Telescope,	S. C. XIV,	60	1864	1.00
181	Baird, S. F.	Review of American Birds in Smithsonian Museum,	M. C. XII,	454	1866	2.00
182	.....	Results of Meteorological Observations from 1854-1859. Vol. II,	4to.*	546	1864	2.50
183	.....	Check List of Invertebrate Fossils of North America,	M. C. VII,	34	1864	.25
184	.....	Smithsonian Contributions to Knowledge,	S. C. XIV,	490	1865	12.00
185	.....	List of Birds in Mexico, &c.,	8vo.*	8	1863	
186	Bache, A. D.	Mag. and Met. Observ. at Girard College. Parts X, XI, & XII,	S. C. XIV,	42	1865	.50
187	.....	Annual Report of Smithsonian Institution for 1863,	8vo.	420	1864	.50
188	.....	Annual Report of Smithsonian Institution for 1864,	8vo.	450	1865	.50
189	Snyder, S. H.	Catalogue of Orthoptera of North America,	M. C. VIII,	110	1868	1.00
190	.....	Queries Relative to Tornadoes,	M. C. X,	4	1865	free

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
191	.....	Smithsonian Miscellaneous Collections,	M. C. VII,	878	1865	5.00
192	Leidy, Joseph	Cretaceous Reptiles of the U. S.,	S. C. XIV,	142	1865	4.00
193	.....	Duplicate Shells from Expedition of Capt. Wilkes,	8vo.*	4	1865	
194	Binney, W. G. & Bland, T	Land and Fresh-Water Shells of North America. Part I,	M. C. VIII,	328	1869	2.00
195	.....	Mag. and Met. Observ. at Girard Coll. Pts. I—XII, complete,	4to.*	262	1866	3.00
196	Hayes, I. I.	Physical Observations in the Arctic Seas,	S. C. XV,	286	1867	5.00
197	Whittlesey, Ch.	Glacial Drift of Northwestern States,	S. C. XV,	38	1866	1.00
198	Kane, E. K.	Physical Observations in the Arctic Seas. Complete,	4to.*	340	1860	4.00
199	Newcomb, S.	Orbit of Neptune,	S. C. XV,	116	1866	2.00
200	Conrad, T. A.	Check List of the Invertebrate Fossils of North America,	M. C. VII,	46	1866	.25
201	Stimpson, Wm.	Hydrobiinæ and Allied Forms,	M. C. VII,	64	1865	.50
202	Pumpelly, R.	Geological Researches in China, Mongolia, &c.	S. C. XV,	173	1866	3.50
203	.....	List of Works published by Smithsonian Institution,	M. C. VII.	12	1866	
204	Cleveland, P.	Meteorological Observations, Brunswick, Me., 1807-1859,	S. C. XVI,	60	1867	1.00
205	.....	Circular for Archæology and Ethnology,	M. C. VIII,	2	1867	free
206	.....	Smithsonian Contributions to Knowledge,	S. C. XV,	620	1867	12.00
207	.....	Relative to Scientific Investigations in Russian America,	M. C. VIII,	10	1867	free
208	Pickering, Chas.	Gliddon Mummy Case in Smithsonian Institution,	S. C. XVI,	6	1862	.50
209	.....	Annual Report of the Smithsonian Institution for 1865,	8vo.	496	1866	
210	.....	Arrangement of Families of Birds in Smithsonian Institution,	M. C. VIII,	8	1866	.10
211	.....	Smithsonian Contributions to Knowledge,	S. C. XVI,	498	1870	12.00

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
212	.....	Smithsonian Miscellaneous Col- lections,	M.C. VIII,	921	1869	5.00
213	.....	Smithsonian Miscellaneous Col- lections,	M. C. IX,	898	1869	5.00
214	.....	Annual Report of Smithsonian Institution for 1866,	8vo.	470	1867	2.00
215	.....	Annual Report of Smithsonian Institution for 1867,	8vo.	506	1868	
216	.....	Photograph Portraits of North American Indians,	8vo.*	42	1867	.25
217	Hoek, M.	Meteoric Shower, 1867, Nov. 13,	8vo.*	4	1867	
218	Morgan, L. H.	Systems of Consanguinity and Af- finity,	S. C. XVI,	616	1869	12.00
219	Osten Sacken, B.	Monograph of Diptera of North America. Part IV,	M.C. VIII,	358	1869	2.00
220	Swan, Jas. G.	Indians of Cape Flattery,	S. C. XVI,	118	1869	2.00
221	Coffin, James H.	Orbit, &c., of Meteoric Fire Ball, July 20, 1860,	S. C. XVI,	56	1869	1.00
222	Schott, Chas. A.	Tables of Rain and Snow in United States,	S.C.XVIII,	175	1872	3.00
223	Gould, B. A.	On the Transatlantic Longitude,	S. C. XVI,	110	1869	1.00
224	.....	Annual Report of Smithsonian Institution for 1868,	8vo.*	473	1869	2.00
225	.....	List of Foreign Correspondents of Smithsonian Institution,	8vo.*	53	1869	.25
226	.....	List of Publications of Smithson- ian Institution,	8vo.	34	1869	
227	Gill, Theod.	Families of Mollusks,	M. C. X,	49	1871	.25
228	.....	Annual Report of Smithsonian Institution for 1869,	8vo.	430	1871	1.00
229	.....	Smithsonian Contributions to Knowledge,	S. C. XVII,	616	1871	12.00
230	Gill, Theod.	List of Families of Mammals,	M. C. XI,	104	1872	.25
231	Cope, E. D.	List of Families of Reptiles,	M. C.	...	...
232	Stockwell, J. N.	Secular Variations of Orbits of Planets,	S. C. XVIII,	220	1872	2.00
233	Ferrel, Wm.	Converging Series, Ratio of Din- meter, and Circum. of Circles,	S.O.XVIII,	6	1871	.50
234	Baird, S. F.	Circular Relative to Food Fishes,	M. C. X,	14	1871	free

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
235	.....	Circular Relative to Thunderstorms,	M. C. x,	2	1871	free
236	.....	Circular Relative to Altitudes,	M. C. x,	2	1871	free
237	.....	Circular Relative to Lightning-rods,	M. C. x,	4	1871	free
238	Rhees, Wm. J.	List of American Libraries, and Public Institutions,	M. C. x,	256	1872	1.00
239	Harkness, Wm.	Magnetic Observations on the Monadnock,	S. C. xviii,	226	1872	2.00
240	Barnard, J. G.	Problems of Rotary Motion,	S. C. xix,	74	1872	2.00
241	Wood, H. C.	Fresh-Water Algae of N. America,	S. C. xix,	272	1872	7.50
242	Clark, H. J.	Lucernaræ and their Allies,	S. C.	...	...	...
243	.....	List of Foreign Correspondents of Smithsonian Institution,	M. C. x,	63	1872	.25
244	.....	Annual Report of Smithsonian Institution for 1870,	8vo.	494	1871	1.00
245	.....	Check List of Smithsonian Publications to July, 1872,	M. C. x,	21	1872	free
246	.....	Smithsonian Contributions to Knowledge,	S. C. xviii,	643	1872	12.00
247	Gill, Theod.	List of Families of Fishes,	M. C. xi,	96	1872	.25
248	Hilgard, A. W.	Geology of Lower Louisiana,	S. C. xix,	38	1872	2.00
249	.....	Annual Report of Smithsonian Institution for 1871,	8vo.	473	1872	1.00
250	.....	Smithsonian Miscellaneous Collections,	M. C. x,	913	1873	5.00
251	Carpenter, P. P.	Monograph of Chitonidæ,		...	...	...
252	Carpenter, P. P.	American Mollusca,	M. C. x,	446	1873	1.00
253	Tryon, G. W.	Monograph of Strepomatidæ,	M. C. xii,	490	1873	2.00
254	De Saussure, H.	Monograph of Hymenoptera,	M. C.	...	...	...
255	Clarke, F. W.	Specific Gravity Tables,	M. C. xii,	272	1873	1.00
256	Loew, H.	Monograph Diptera. Part III,	M. C. xi,	381	1873	2.00
257	.....	Indian Vocabularies,	S. C.	...	...	...
258	Watson, S.	Botanical Index,	M. C.	...	...	...
259	Jones, Jos.	Antiquities of Tennessee,	S. C.	...	...	...
260	Bland, Thos	Mollusks of West Indies,	S. C.	...	...	...

No.	AUTHOR.	TITLE.		PAGES.	DATE.	PRICE.
261	Packard, A. S.	Directions for Collecting and Preserving Insects,	M. C. xi,	60	1873	free
262	Newcomb, S.	Orbit of Uranus,	S. C. xix,	296	1873	3.00
263	.....	Astronomical Telegram Circular,	M. C. xii,	4	1873	free
264	Le Conte, J. L.	New Species Coleoptera. Part II,	M. C. xi,	74	1873	.50
265	Le Conte, J. L.	Classification Coleoptera. Part II,	M. C. xi,	72	1873	.50
266	Woodward, J. J.	Toner Lecture I. Cancerous Tumors,	M. C.	44	1873	.25
267	Swan, J. G.	Haidah Indians,	S. C.	20	1874	1.00
268	Coffin, J. H.	Winds of the Globe,	S. C.	...	...	...
269	Guyot, A.	Meteorological and Physical Tables. Part II,	M. C.	...	...	...
270	.....	Land and Fresh-Water Shells, complete. (Six parts),	M. C.	...	...	5.00
271	.....	Annual Report of Smithsonian Institution for 1872,	8vo.	456	1874	1.00
272	.....	Smithsonian Contributions,	S. C. xix,	660	1874	12.00
273	.....	Miscellaneous Collections,	M. C. xi,	789	1874	5.00
274	.....	Miscellaneous Collections,	M. C. xii,	767	1874	5.00
275	.....	Annual Report of Smithsonian Institution for 1873,	8vo.	...	1874	1.00
276	Clarke, F. W.	Specific Heat Tables,	M. C.	...	...	...
277	Schott, C. A.	Temperature Tables,	S. C.	...	...	...
278	.....	Check List of Smithsonian Publications,	M. C.	24	1874	free
279	DaCosta, J. M.	Toner Lecture III. The Heart.	M. C.	...	1874	.25
280	Alexander, S.	Harmonies of Solar System.	S. C.	...	1874	...

SYSTEMATIC LIST OF TITLES OF SMITHSONIAN PUBLICATIONS.

(The figures and letters refer to the number of the publication in the preceding list.)

			No.				No.
Smithsonian Contributions to Knowledge, 4to.....			vol. I.	2	Annual Report Smithsonian Institution		
"	"	vol. II.	26	"	"	(9th) for 1854	75
"	"	vol. III.	38	"	"	(10th) for 1855	77
"	"	vol. IV.	39	"	"	(11th) for 1856	91
"	"	vol. V.	55	"	"	(12th) for 1857	107
"	"	vol. VI.	56	"	"	(13th) for 1858	109
"	"	vol. VII.	76	"	"	(14th) for 1859	110
"	"	vol. VIII.	78	"	"	(15th) for 1860	147
"	"	vol. IX.	92	"	"	(16th) for 1861	149
"	"	vol. X.	99	"	"	(17th) for 1862	150
"	"	vol. XI.	111	"	"	(18th) for 1863	187
"	"	vol. XII.	112	"	"	(19th) for 1864	188
"	"	vol. XIII.	151	"	"	(20th) for 1865	209
"	"	vol. XIV.	184	"	"	(21st) for 1866	214
"	"	vol. XV.	206	"	"	(22d) for 1867	215
"	"	vol. XVI.	211	"	"	(23d) for 1868	224
"	"	vol. XVII.	229	"	"	(24th) for 1869	228
"	"	vol. XVIII.	246	"	"	(25th) for 1870	244
"	"	vol. XIX.	272	"	"	(26th) for 1871	249
Miscellaneous Collections, 8vo.,				"	"	(27th) for 1872	271
"	"	vol. I.	122	"	"	(28th) for 1873	275
"	"	vol. II.	123	ANATOMY AND PHYSIOLOGY.			
"	"	vol. III.	124	Dacosta, the heart.....			
"	"	vol. IV.	125	Dean, medulla oblongata.....			
"	"	vol. V.	158	Jones, chemical and physiological investigations.....			
"	"	vol. VI.	169	Leidy, flora and fauna living animals..			
"	"	vol. VII.	191	Mitchell, venom of rattlesnake.....			
"	"	vol. VIII.	212	Mitchell and Morehouse, chelonias.....			
"	"	vol. IX.	213	Wyman, rana pipiens.....			
"	"	vol. X.	250	ARCHITECTURE.			
"	"	vol. XI.	273	Owen, hints public architecture.....			
"	"	vol. XII.	274	ASTRONOMY.			
Annual Report Smithsonian Institution				ALEXANDER, harmonies of solar system			
"	"	(1st) for 1846	G	Annular eclipse 1854.....			
"	"	(2d) for 1847	H	Astronomical telegram circular.....			
"	"	(3d) for 1848	I	Davis, flood tide.....			
"	"	(4th) for 1849	21	Downes, occultations 1848.....			
"	"	(5th) for 1850	28	" " 1849.....			
"	"	(6th) for 1851	51	" " 1850.....			
"	"	(7th) for 1852	57	" " 1851.....			
"	"	(First of bound series.)		" " 1852.....			
"	"	(8th) for 1853	67				

	No.		No.
DOWNES, occultations 1853.....	54	CHEMISTRY AND TECHNOLOGY.	
GILLISS, solar eclipse, Peru.....	100	BOOTH and MORFIT, chemical arts.....	27
GOULD, history of Neptune.....	18	CLARKE, specific gravity tables.....	255
“ transatlantic longitude.....	223	“ specific heat tables.....	276
HAYES, arctic observations.....	196	GIBBS and GENTH, ammonia-cobalt bases	88
HILL, map solar eclipse.....	101	HARR, explosiveness of nitre.....	17
KANE, astronomical observations arctic			
seas.....	129	ETHNOLOGY AND PHILOLOGY.	
“ tidal observations arctic seas....	130	BOWEN, Yoruba grammar and dictionary	98
NEWCOMB, orbit of Neptune.....	199	Circular archæology.....	205
“ “ Uranus.....	262	GIBBS, Chinook jargon.....	161
RUNKLE, planetary tables.....	79	“ comparative vocabulary.....	170
“ “ “ supplement... ..	94	“ ethnological instructions.....	160
STOCKWELL, orbits of planets.....	232	HAYES, American archæology.....	71
WALKER, researches Neptune.....	3	Indian vocabularies.....	257
“ ephemeris Neptune, 1848.....	4	JONES, antiquities of Tennessee.....	259
“ “ 1795-1849.....	5	LAPHAM, antiquities of Wisconsin.....	70
“ “ 1850.....	6	LIEBER, vocal sounds Laura Bridgeman	12
“ “ 1851.....	7	MAYER, Mexican archæology.....	86
“ “ 1852.....	24	MITCHELL, vocabulary of jargon.....	68
WHITTLESEY, level of lakes.....	119	MORGAN, relationship circular.....	138
		“ systems of consanguinity.....	218
BIBLIOGRAPHY.		Photographic portraits of Indians.....	216
BINNEY, bibliography conchology, part		PICKERING, Gliddon mummy case.....	208
I. 142		RIGGS, Dakota grammar and dictionary	40
“ “ “ II. 174		SQUIER and DAVIS, ancient monuments,	
GIRARD, bibliography natural history,		Mississippi valley.....	1
1851.....	48	“ aboriginal monuments, New York	15
JEWETT, catalogue system.....	47	STANLEY, Indian portraits.....	53
“ public libraries.....	25	SWAN, Indians of Cape Flattery.....	220
List of publications Smithsonian Insti-		“ Haidah Indians.....	267
tution.....74, 203, 226, 245,	278	WHITTLESEY, ancient mining, Lake Su-	
“ Smithsonian exchanges, part I.	73	perior.....	155
“ “ “ II. 85		“ ancient works, Ohio.....	37
“ “ “ to 1858.....	117		
Publications learned societies in library		GEOLOGY AND PHYSICAL GEOGRAPHY.	
Smithsonian Institution, 1866.....	179	BLLET, physical geography, Mississippi	
RHEES, public libraries.....116,	238	valley.....	13
		HILGARD, geology of lower Louisiana... ..	248
BOTANY.		HITCHCOCK, surface geology.....	90
GRAY, Plantæ Wrightianæ, I.....	22	PUMPELLY, geology of China, Mongolia,	
“ “ “ II.	42	and Japan.....	202
HARVEY, North American marine algæ,		WHITTLESEY, glacial drift.....	197
I. 32			
“ “ “ II. 43		GENERAL NATURAL HISTORY.	
“ “ “ III. 95		Circular for collecting birds.....	168
“ “ “ complete 96		“ “ eggs.....	139
Register periodical phenomena.....65,	148	“ “ grasshoppers....	163
TORREY, batis maritima.....	60	“ “ shells.....	176
“ Darlingtonia Californica.....	61	“ to entomologists.....	178
“ Plantæ Frémontianæ.....	46	Directions for collecting and preserving	
WATSON, botanical index.....	258	specimens.....34, 139, 261	
WOOD, fresh-water algæ.....	241	Hudson's bay circular.....	137
		LEIDY, flora and fauna within animals..	44

	No.		No.
Museum miscellanea, numbers, labels, etc.	164	BAILEY, new microscopic organisms.....	63
PACKARD, collecting insects.....	261	“ soundings, coast survey.....	20
Register, periodical phenomena.....	65	DEAN, medulla oblongata.....	173
Russian America circular.....	207	LEIDY, flora and fauna living animals..	44
		WOODWARD, cancerous tumors.....	266
GENERAL PHYSICS OF THE GLOBE.		MINERALOGY.	
HAYES, physical observations arctic seas	196	EGLESTON, catalogue minerals.....	156
KANE, “ “ “	198		
MATHEMATICS.		MISCELLANEOUS.	
ALVORD, tangencies of circles.....	80	Address, corner-stone.....	D
FERREL, converging series.....	233	Circular, altitudes ...	236
		“ lightning rods.....	237
METEOROLOGY.		Correspondence Squier and Davis.....	K
CASWELL, observations, Providence, Rhode Island.....	103	Digest of act of Congress relative to Smithsonian Institution.....	C
CHAPPELSMITH, tornado.....	59	Exposition, Smithson's bequest.....	E
Circular, altitudes.....	236	Hudson's bay circular.....	137
“ lightning rods.....	237	List domestic institutions.....	69, 238
“ thunder-storms.....	235	“ foreign “.....	64, 154, 225, 243
“ tornadoes.....	190	Proceedings, regents, 1846.....	A
CLEVELAND, observations, Brunswick, Maine.....	204	Programme of organization.....	J
COFFIN, meteoric fire-ball.....	221	Register periodical phenomena.....	65
“ psychrometrical tables.....	87	Report of committee on organization..	B, L
“ winds, northern hemisphere... ..	52	Russian America circular.....	207
“ winds of the globe.....	268		
Directions for meteorological observations.....	19, 148	PALÆONTOLOGY.	
FORCE, record of auroras.....	84	CONRAD, eocene fossils.....	200
GUYOT, meteorological directions.....	19, 148	GIBBES, mosasaurus.....	14
“ “ tables.....	31, 153	LEIDY, ancient fauna, Nebraska.....	58
“ “ “ part II. ...	269	“ cretaceous reptiles.....	192
HAYES, arctic observations.....	196	“ extinct sloths.....	72
HILDBRETH, observations, Marietta, Ohio	120	“ fossil ox.....	41
KANE, arctic observations.....	104	MEEK, cretaceous and jurassic fossils..	177
LOOMIS, storms.....	127	“ miocene fossils.....	183
MCCINTOCK, arctic observations.....	146	“ and HAYDEN, palæontology, Nebraska.....	172
MEECH, intensity sun's heat.....	83		
Meteorological observations, 1855.....	93	PHYSICS.	
“ results, 1854-59, vol. 1.	157	BARNARD, problems of rotary motion... ..	240
“ “ “ vol. 2..	182	DRAPER, telescope in photography.....	180
Meteors, November.....	217	GOULD, transatlantic longitude.....	223
OLMSTED, aurora.....	81	HENRY, electro-magnetic telegraph.....	115
SCHOTT, precipitation of rain and snow in the United States.....	222	SECCHI, electrical rheometry.....	36
SCHOTT, temperature reductions.....	277		
SMITH, observations, Washington, Arkansas.....	131	TERRESTRIAL MAGNETISM.	
WHITTLESEY, level of lakes.....	119	BACHE, magnetic discussion, part I.	113
		“ “ part II.	121
MICROSCOPY.		“ “ part III.	132
BAILEY, microscopic observations, southern States.....	23	“ “ parts IV. to VI..	162
		“ “ parts VII. to IX.	175
		“ “ parts IX. to XII.	186
		“ “ complete.....	195

	No.		No.
BACHE, magnetic survey of Pennsylvania	166	<i>Diptera</i> , LOEW, monograph, part III.....	256
GOULD, transatlantic longitude	223	“ OSTEN SACKEN, monograph, part IV.....	219
HARKNESS, magnetic observations on the Monadnock	239	“ “ catalogue... ..	102
HAYES, arctic observations	196	<i>Hymenoptera</i> , DE SAUSSURE, monograph	254
KANE, arctic observations	97	<i>Lepidoptera</i> , MORRIS, catalogue	118
LOCKE, terrestrial magnetism, United States	35	“ “ synopsis	133
SOMMERTAG, terrestrial magnetism, Mexico	114	<i>Neuroptera</i> , HAGEN, synopsis.....	134
		<i>Orthoptera</i> , SCUDDER, catalogue	189
		PACKARD, directions for coll. insects....	261
		<i>Mammals.</i>	
		ALLEN, monograph North American bats	165
		BAIRD, catalogue mammals.....	105
		GILL, families of mammals	230
		<i>Radiates.</i>	
		CLARK, lucernariae.....	242
		<i>Reptiles.</i>	
		BAIRD and GIRARD, catalogue of serpents	49
		COPE, families of reptiles.....	231
		MITCHELL and MOREHOUSE, chelonians.....	159
		<i>Shells.</i>	
		BINNEY, bibliography North American conchology, part I.	142
		“ “ “ part II.	174
		“ land and fresh-water shells, part I.	194
		“ “ “ part II.	143
		“ “ “ part III.	144
		“ “ “ complete	270
		BLAND, mollusks of West Indies.....	260
		CARPENTER, American mollusca	252
		“ chitonidæ.....	251
		“ lectures on mollusca.....	152
		Check list of shells.....	128
		Circular for collecting shells	176
		Duplicate shells, exploring expedition	193
		GILL, families of mollusks.....	227
		PRIME, corbiculadæ.....	145
		STIMPSON, hydrobiinæ.....	201
		TRYON, monograph of strepomatidæ	253

ZOOLOGY.

General.

STIMPSON, marine invertebrata, Grand Manan.....	50
---	----

Birds.

BAIRD, arrangement of birds.....	210
“ catalogue, birds, 4to.....	106
“ “ “ 8vo.....	108
“ review of birds, part I.	181
BREWER, North American oology, part I.	89
Circular, birds of South America.....	186
Desiderata of birds of Mexico, Central America, etc.	185

Fishes.

BAIRD, circular relative to food fishes...	234
GILL, list of families of fishes	247
GIRARD, monograph, cottoids.....	30

Insects.

AGASSIZ, classification of insects	16
<i>Coleoptera</i> , LE CONTE, classification	136
“ “ “ part II.	265
“ “ Kansas.....	126
“ “ list	140
“ “ new species	167
“ “ “ part II.	264
“ MELSHEIMER, catalogue.....	62
<i>Diptera</i> , LOEW, monograph, part I.....	141
“ “ “ part II.....	171

ALPHABETICAL INDEX

TO LIST OF THE

PUBLICATIONS OF THE SMITHSONIAN INSTITUTION.

(The reference figures and letters refer to the numbers of the publications in the preceding list.)

Aboriginal monuments, N. Y.....	15	Baird and Girard, catalogue of serpents	49
Act of Congress.....C. N. O.	67	Barnard, rotary motion.....	240
Address, corner-stone.....	D	Batis maritima, Torrey	60
Agassiz, classification insects.....	16	Bats, monograph, Allen.....	165
Alexander, harmonies of solar system.	280	Bibliography, conchology, Binney...142, 174	
Algæ, fresh-water, Wood	241	Bibliography, natural history	48
Algæ, Harvey	32, 43, 95, 96	Binney, bibliography, conchology. 142, 174	
Allen, monograph bats.....	165	Binney, check list, shells	128
Altitudes, circular	236	Binney, land and fresh-water shells.... 143,	
Alvord, tangencies	80	144, 194, 270	
Ammonia-cobalt bases, Gibbs and Genth	88	Birds, Baird, arrangement of.....	210
Anatomy of <i>Rana pipiens</i>	45	Birds, Baird, catalogue	106, 108
Ancient fauna, Nebraska, Leidy	58	Birds, Baird, review	181
Ancient mining, Lake Superior	155	Birds, circular for collecting.....	168
Ancient monuments, Mississippi valley	2	Birds of Mexico, Central America, and	
Ancient works, Ohio.....	37	West Indies	185
Antiquities of Tennessee.....	259	Birds of South America, circular.....	186
Antiquities Wisconsin, Lapham.....	70	Bland, West Indies, mollusks	260
Archæology, circular	205	Booth and Morfit, chemical arts.....	27
Archæology, Mexican, Mayer.....	86	Botanical Index	258
Archæology of United States, Haven ...	71	Bowen, Yoruba grammar and dictionary	98
Architecture, Owen on.....	P	Brewer, N. A., oology, part 1.....	89
Arctic observations...97, 104, 129, 130, 146,		Bridgeman, Laura, Lieber.....	12
196, 198		Brunswick, meteorological observations	204
Arkansas, meteorology.....	131	Cancerous tumors, Woodward... ..	266
Asteroid supplement, Runkle's tables..	94	Cape Flattery, Indians of	220
Astronomical tables, Runkle... ..	79, 94	Carpenter, check list, shells.....	128
Astronomical telegram circular	263	Carpenter, mollusca	152, 251, 252
Aurora borealis, Olmsted	81	Caswell, meteorological observations,	
Auroras, Force, record of	84	Providence	103
Bache, magnetic discussion ...113, 121, 132,		Catalogue, publications in library...117, 179	
162, 175, 186, 195		Catalogue, publications of Smithsonian	
Bache, magnetic survey, Pennsylvania	166	Institution.....74, 203, 226	
Bailey, microscopic observations...20, 23, 63		245, 278	
Baird, arrangement of birds.....	210	Catalogue system.....	47
Baird, catalogue birds.....106, 108		Central America, list of birds of.....	185
Baird, catalogue mammals	105	Chappelsmith, tornado.....	59
Baird, food fishes.....	234	Check list, fossils.....177, 183, 200	
Baird, review of birds, part 1.....	181	Check list, shells	128

Chelonia, Mitchell and Morehouse	159	Eggs, Brewer	89
Chemical arts, Booth and Morfit	27	Eggs, circular	139
Chemical investigations, Jones	82	Eggs, instructions for collecting	139
China, geology of, Pumpelly	202	Egleston, catalogue minerals	156
Chinook jargon, Gibbs	161	Electrical rheometry, Secchi	36
Chitonidæ, Carpenter	251	Ellet, physical geography Mississippi valley	13
Clark, lucernariæ	242	Entomologists, directions to	178, 261
Clarke, specific gravity tables	255	Eocene fossils, Conrad	200
Clarke, specific heat tables	276	Ephemeris, Neptune	4, 5, 6, 7, 24
Cleveland, meteorological observations, Brunswick, Maine	204	Ethnology, circular	205
Coffin, meteoric fire-ball	221	Ethnology, instructions relative to	160
Coffin, psychrometrical tables	87	Exchanges, list of, part 1	73
Coffin, winds of the globe	268	Exchanges, list of, part 2	85
Coffin, winds, northern hemisphere	52, 268	Exchanges, list of, to 1858	117
Coleoptera, Le Conte, classification	136, 265	Exploring expedition, duplicate shells	193
Coleoptera, Le Conte, Kansas	126	Fauna and flora, Leidy	44
Coleoptera, Le Conte, list	140	Ferrel, converging series	233
Coleoptera, Le Conte, new species	167, 264	Fire-ball, Coffin	221
Coleoptera, Melsheimer, catalogue	62	Fishes, circular	234
Comparative vocabulary	170	Fishes, families of, Gill	247
Conchology, Binney, bibliography	142, 174	Fishes, Girard on cottoid	30
Congress, acts of	C. N. O., 67	Flood-tide, Davis	33
Conrad, check list, fossils, eocene	200	Flora and fauna, Leidy	44
Consanguinity, systems of	138, 218	Force, record of auroras	84
Converging series, Ferrel	233	Foreign correspondents, list of	64, 154, 225, 243
Cope, families of reptiles	231	Fossil ox, Leidy	41
Corbiculadæ, Prime	145	Fossils, check list, Conrad	200
Correspondents, domestic	69, 238	Fossils, check list, Meek	177, 183
Correspondents, foreign	64, 154, 225, 243	Frémont, plants	46
Cottoids, Girard	30	Genth and Gibbs, ammonia-cobalt bases	88
Cretaceous fossils, Meek	177	Geology, China and Japan, Pumpelly	202
Cretaceous reptiles, Leidy	192	Geology, Hitchcock	90
DaCosta, the heart	279	Genth, Gibbs and, ammonia-cobalt bases	88
Dakota grammar and dictionary	40	Gibbes, mosasaurus	14
Dallas, address, corner-stone	D	Gibbs and Genth, ammonia-cobalt bases	88
Darlingtonia Californica, Torrey	61	Gibbs, Chinook jargon	161
Davis, Squier and, ancient monuments	12	Gibbs, comparative vocabulary	170
Davis, flood-tide	33	Gibbs, ethnological instructions	160
Dean, medulla oblongata	173	Gill, families of fishes	247
De Saussure, hymenoptera	254	Gill, families of mammals	230
Dictionary, Dakota, Yoruba	40, 98	Gill, families of mollusks	227
Diptera, Loew, monograph	141, 171, 256	Gilliss, solar eclipse, Peru	100
Diptera, Osten Sacken, catalogue	102	Girard, Bibliography Nat. Hist.	48
Diptera, Osten Sacken, monograph	141, 171, 219, 256	Girard, cottoids	30
Directions, collecting specimens	34, 139, 261	Girard and Baird, catalogue, serpents	49
Directions, meteorological observations	19, 148	Girard College, observations	113, 121, 132, 162, 175, 186, 195
Downes, occultations	8, 9, 10, 11, 29, 54	Glacial drift, Whittlesey	197
Draper, telescope in photography	180	Gliddon mummy-case, Pickering	208
Drift, Whittlesey	197	Gould, Neptune	18
Eclipse	66, 100, 101	Gould, transatlantic longitude	223

Grammar, Dakota, Yoruba.....	40, 98	Kane, meteorological observations, Arctic seas	104
Grasshopper, circular.....	163	Kane, physical observations (complete)	198
Gray, Plantæ Wrightianæ.....	22, 42	Kane, tidal observations	130
Guyot, meteorological and physical tables	31, 153, 269	Kansas, Le Conte, coleoptera.....	126
Guyot, meteorological directions.....	19, 148	Lakes, level of.....	119
Hagen, synopsis neuroptera	134	Lake Superior, ancient mining.....	155
Haidah Indians, Swan	267	Lapham, antiquities, Wisconsin	70
Haldeman, coleoptera	62	Lea, check list shells.....	128
Hare, explosiveness of nitre.....	17	Le Conte, classification, coleoptera, 136, 265	
Harkness, magnetic observations.....	239	Le Conte, coleoptera, Kansas.....	126
Harvey, algæ.....	32, 43, 95, 96	Le Conte, list coleoptera	140
Haven, archæology	71	Le Conte, new species coleoptera ...	167, 264
Hayden and Meek, palæontology upper Missouri.....	172	Leidy, ancient fauna, Nebraska.....	58
Hayes, Arctic observations.	196	Leidy, cretaceous reptiles.....	192
Heart, lecture on, DaCosta.....	279	Leidy, extinct sloths	72
Heights, circular	236	Leidy, fauna and flora	44
Henry, Professor, exposition of Smithsonian's bequest.....	E	Leidy, fossil ox	41
Henry, Professor, magnetic telegraph... ..	115	Lepidoptera, Morris, catalogue.....	118
Hildreth, meteorological observations, Marietta.....	120	Lepidoptera, Morris, synopsis.....	133
Hilgard, geology of Louisiana	248	Level of lakes, Whittlesey.....	119
Hill, solar eclipse	101	Libraries, Jewett, account of.....	25
Hitchcock, surface geology	90	Libraries, Rhees, list of.....	116, 238
Hoek, meteoric shower.....	217	Library of Congress, catalogue of publications deposited in.....	179
Hudson's Bay, circular	137	Library of Smithsonian Institution, catalogue of	73, 85, 117, 179
Hydrobiinæ, Stimpson	201	Library, publications of learned societies in.....	73, 85, 117, 179
Hymenoptera, De Saussure.....	254	Lieber, vocal sounds, Laura Bridgeman	12
Index, botanical.....	258	Lightning-rods, circular	237
Indian photographs.....	216	Locke, terrestrial magnetism	35
Indian portrait gallery, Stanley.....	53	Loew, monograph diptera.....	141, 171, 219, 256
Indian vocabularies	257	Longitude, transatlantic, Gould.....	223
Indians, Makah, Swan.....	220	Louisiana, geology of.....	248
Indians, Haidah, Swan.....	267	Loomis, storms.....	127
Insects, Agassiz, classification	16	Lucernariæ, Clark.....	242
Insects, directions for collecting	261	Magnetic discussion, Bache...113, 121, 132, 162, 175, 186, 195	
Institutions, list of domestic.....	69, 238	Magnetic observations, Arctic seas...97, 196	
Institutions, list of foreign.....	64, 154, 225, 243	Magnetic observations, Harkness.....	239
Invertebrates, Grand Manan.....	50	Magnetic observations, Mexico, Sonntag	114
Japan, geology, Pumpelly.....	202	Magnetic survey, Pennsylvania, Bache	166
Jargon, Chinook	161	Magnetism, Locke.....	35
Jargon, Mitchell.....	68	Makah Indians, Swan.....	220
Jewett, catalogue system.....	47	Mammals, Baird, catalogue.....	105
Jewett, public libraries.....	25	Mammals, families, Gill	230
Jones, antiquities of Tennessee	259	Marietta, Hildreth, meteorological observations.....	120
Jones, chemical and physiological investigations	82	Marine algæ, Harvey.....	95, 96
Kane, astronomical observations.....	129	Marine invertebrata, Grand Manan, Stimpson	50
Kane, magnetic observations, Arctic seas	97	Mayer, Mexican history and archæology	86

McClintock, meteorological observations, Arctic seas	146	Nebraska, ancient fauna, Leidy.....	58
Meech, intensity sun's heat.....	83	Nebraska, palæontology, Meek and Hayden.....	172
Medulla oblongata, Dean.....	173	Neptune, ephemeris.....	4, 5, 6, 7, 24
Meek, check-list fossils, cretaceous.....	177	Neptune, history of discovery, Gould...	18
Meek, check-list fossils, miocene.....	183	Neptune, orbit of, Newcomb	199
Meek and Hayden, palæontology, upper Missouri	172	Neptune, researches, Walker.....	3
Melsheimer, catalogue, coleoptera.....	62	Nereis-Boreali-Americana, Harvey	95, 96
Meteoric fire-ball, Coffin	221	Nests, instructions for collecting.....	139
Meteorological directions	19, 148	Neuroptera, Hagen, synopsis.....	134
Meteorological observations, 1854-59 ...	157, 182	Newcomb, Neptune.....	199
Meteorological observations, 1855.....	93	Newcomb, orbit of Uranus.....	262
Meteorological observations, Caswell ...	103	New Mexico, Le Conte, coleoptera	126
Meteorological observations, Cleaveland	204	New York, aboriginal monuments	15
Meteorological observations, Hayes	196	Nitre, explosiveness of, Hare.	17
Meteorological observations, Hildreth..	120	Occultations, Downes.....	8, 9, 10, 11, 29, 54
Meteorological observations, Kane.....	104	Ohio, ancient works	37
Meteorological observations, McClintock	146	Olmsted, aurora borealis.	81
Meteorological observations, Smith	131	Oology, Brewer.....	89
Meteorological tables.....	31, 153, 269	Orbit of Neptune, Newcomb	199
Meteors, November	217	Orbit of Uranus	262
Mexico, history and archæology, Mayer	86	Orbits, of planets, Stockwell	232
Mexico, list of birds of.....	185	Oregon, trade language of.....	68, 161
Mexico, magnetic observations.....	114	Orthoptera, Scudder	189
Microscopy, Bailey	20, 23, 63	Osten Sacken, catalogue diptera.....	102
Minerals, Egleston, catalogue.....	156	Osten Sacken, monog. diptera.....	141, 171, 219, 256
Mining, ancient, Whittlesey	155	Owen, hints on public architecture.....	P
Miocene fossils, Meek.....	183	Ox, extinct, Leidy.....	41
Miscellanea, museum.....	164	Packard, directions, insects	261
Mississippi valley, ancient monuments	1	Palæontology of the upper Missouri, Meek and Hayden.....	172
Mississippi valley, physical geography.	13	Pennsylvania, magnetic survey, Bache	166
Missouri, palæontology of	172	Periodical phenomena, directions	65, 148
Mitchell and Morehouse, chelonia.....	159	Periodicals in library of Smithsonian Institution.....	73, 85, 117, 179
Mitchell, venom, rattlesnake	135	Peru, eclipse of sun, Gilliss	100
Mitchell, vocabulary of jargon.....	68	Philology, instructions relative to.....	160
Mollusca, Carpenter.....	251, 252	Photographs of Indians.....	216
Mollusca, Carpenter's lectures	152	Photography, use of telescope, Draper.	180
Mollusks, families, Gill	227	Physical geography, Ellet.....	13
Mollusks, Bland, West Indies.....	260	Physical observations, Hayes.....	196
Mongolia, geology, Pumpelly.....	202	Physical observations, Kane.....	198
Morehouse and Mitchell, chelonia.....	159	Physical tables.....	31, 153
Morfit and Booth, chemical arts	27	Physiological investigations, Jones.....	82
Morgan, systems of relationship.....	138, 218	Pickering, mummy case.....	208
Morris, catalogue of lepidoptera.....	118	Planets, orbits, Stockwell	232
Morris, synopsis lepidoptera	133	Planets, tables.....	79, 94
Mosasaurus, Gibbes.....	14	Plantæ Frémontianæ, Torrey.....	46
Muller, magnetism in Mexico.....	114	Plantæ Wrightianæ, Gray.....	22, 42
Mummy case, Pickering	208	Popocatepetl, observations of.....	114
Museum, miscellanea.....	164	Precipitation of rain and snow in U. S.	222
Natural history, bibliography	48		
Natural history, directions	34, 139, 261		

Prime, check list shells.....	128	Specific gravity tables.....	255
Prime, monograph corbiculadæ	145	Specific heat tables.....	276
Programme of organization	F, J	Squier, aboriginal monuments, New York.....	15
Providence, meteorological observations	103	Squier and Davis, ancient monuments. 1, 2	
Psychometrical tables, Coffin	87	Squier and Davis, correspondence relative to memoir.....	K
Publications in Smithsonian library.73, 85, 117, 179		Stanley, Indian portrait gallery.....	53
Publications of Smithsonian Institution, catalogue of.....74, 203, 226, 245, 278		Stimpson, check list shells	128
Pumpelly, geology of China and Japan	202	Stimpson, hydrobiinæ.....	201
Queries relative to tornadoes	190	Stimpson, marine invertebrata, Grand Manan	50
Rainfall in United States	222	Stockwell, secular variations of orbits. 232	
Rana pipiens, Wyman	45	Storms, Loomis.....	127
Rattlesnake, Mitchell's researches	135	Strepomatidæ, Tryon	253
Relationship, circular, Morgan.....	138	Sun, heat, and light, Meech.....	83
Relationship, systems of, Morgan.....	218	Swan, Makah Indians	220
Report of committee on organization ...B, L		Swan, Haidah Indians	267
Reptiles, catalogue of.....	49	Tables, asteroid, Runkle.....	94
Reptiles, cretaceous, Leidy	192	Tables, meteorological, Guyot ...31, 153, 269	
Reptiles, families, Cope	231	Tables, physical.....31, 153, 269	
Rhees, public libraries	116, 238	Tables, planetary, Runkle	79, 94
Rheometry, electrical, Secchi	36	Tables, psychometrical, Coffin	87
Riggs, Dakota grammar and dictionary	40	Tables, specific gravity	255
Rotary motion, Barnard.....	240	Tables, specific heat.....	276
Runkle, asteroid tables	94	Tangencies, Alvord.....	80
Runkle, planetary tables.....79, 94		Telegram circular	263
Russian America circular	207	Telegraph, report of regents on	115
Saussure, <i>see</i> De Saussure.		Telescope, Draper	180
Schott, rainfall in United States.....	222	Temperature reductions.....	277
Schott, reductions, meteorology, etc.97, 103, 104, 120, 129, 130, 131, 146, 196, 198, 204, 222, 277		Tennessee antiquities.....	269
Soudder, catalogue of orthoptera	189	Terrestrial magnetism, Locke.....	35
Secchi, rheometry	36	Thunder-storms, circular.....	235
Serpent, catalogue.....	49	Tidal observations, Hayes.....	196
Shell circular.....	176	Tidal observations, Kane.....	130
Shells, Binney, bibliography.....	142	Tidal observations, Whittlesey.....	119
Shells, check list.....	128	Tide, law of deposit of flood, Davis.....	33
Shells, exploring expedition	193	Toner, Lectures I., Woodward.....	266
Shells, land and fresh-water, Binney .. 143, 144, 194, 270		“ “ III., DaCosta.....	279
Shells, <i>see</i> Mollusca.		Tornado, Chappelsmith	59
Sloth, extinct, Leidy.....	72	Tornadoes, queries relative to.....	190
Smith, meteorological observations, Washington, Ark.	131	Torrey, batis maritima.....	60
Smithson's bequest, exposition.....	E	Torrey, Darlingtonia Californica	61
Snow and rainfall	222	Torrey, Plantæ Frémontianæ.....	46
Societies, publications of, in Smithsonian library.....73, 85, 117, 179		Trade language of Oregon.....	161
Solar system, harmonies of, Alexander	280	Transatlantic longitude, Gould.....	223
Sonntag, magnetic observations, Mexico	114	Tryon, strepomatidæ.....	253
South American bird circular	186	Turner, W. W., vocabulary of jargon..	68
		Uranus, Newcomb, orbit of	262
		Vocabulary, comparative.....	170
		Vocabularies, Indian.....	257
		Vocabulary of jargon	68

Vocal sounds, L. Bridgeman.....	12	Winds of northern hemisphere.....	52
Walker, Neptune.....	3, 4, 5, 6, 7, 24	Winds of the globe.....	268
Washington, Ark., meteorology.....	131	Wisconsin, antiquities of.....	70
Watson, botanical index	258	Wood, fresh-water algæ.....	241
West Indies mollusks.....	260	Wood, meteorological observations, Ma-	
Whittlesey, ancient mining.....	155	rietta	120
Whittlesey, ancient works, Ohio.....	37	Woodward, cancerous tumors	266
Whittlesey, fluctuations level of lakes.	119	Wyman, <i>Rana pipiens</i>	45
Whittlesey, glacial drift.....	197	Yoruba grammar and dictionary, Bowen	98
Will of Smithsonian	B, 67		

This book should be returned to
the Library on or before the last date
stamped below.

A fine is incurred by retaining it
beyond the specified time.

Please return promptly.

APR 30 '70 H
Canceled
2902 442

Widener Library



3 2044 082 521 006